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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/055,572	10/19/2001	Tom L. Nguyen	42390P12549	6116
8791 7590 12/12/2007 BLAKELY SOKOLOFF TAYLOR & ZAFMAN 1279 OAKMEAD PARKWAY SUNNYVALE, CA 94085-4040			EXAMINER BESROUR, SAOUSSEN	
			ART UNIT 2131	PAPER NUMBER
			MAIL DATE 12/12/2007	DELIVERY MODE PAPER

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

## Office Action Summary

Application No.

10/055,572

Applicant(s)

NGUYEN ET AL.

Examiner

Saoussen Besrou

Art Unit

2131

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☒ Responsive to communication(s) filed on 24 September 2007.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 1-3, 6-11 and 14-19 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☒ Claim(s) 1, 2, 3, 6, 7, 8, 9, 10, 11, 14, 15 and 16 is/are allowed.
- 6) ☒ Claim(s) 17-19 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
  - ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- ☒ Notice of References Cited (PTO-892)
- ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- ☐ Information Disclosure Statement(s) (PTO/SB/08)  
Paper No(s)/Mail Date \_\_\_\_\_
- ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_
- ☐ Notice of Informal Patent Application
- ☐ Other: \_\_\_\_\_

### **DETAILED ACTION**

1. This action is in response to amendment filed 9/24/2007. Claims 1, 6, 7, 8, 10, 11, 14, 17 and 18 were amended. Claims 4-5, 12-13, and 20-30 are cancelled. Claims 1, 2, 3, 6-11 and 14-19 are pending.

### ***Continued Examination Under 37 CFR 1.114***

2. A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on 9/24/2007 has been entered.

### ***Response to Arguments***

3. Applicant's arguments with respect to the claims have been considered but are moot in view of the new ground(s) of rejection.

### ***Claim Rejections - 35 USC § 102***

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the

applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

4. **Claims 17-19** are rejected under 35 U.S.C. 102(e) as being anticipated by Hamilton II, et al. (6,389,539).

As per **claim 17**, Hamilton discloses: arranging a first non-volatile storage device of a computer system into a plurality of storage regions to store CMOS data, wherein the device lacks hardware security such that some of the storage regions are modifiable by an application program in the system, each of the regions being protected by at least two software schemes including a set of region level rules and another scheme selected from the group consisting of (1) mask bits, (2) checksum, (3) CRC, and (4) encryption (Column 4, Lines 5-27); generating a first integrity metric corresponding to mask bits of valid CMOS content stored in a first region of the first non-volatile storage device; generating a second integrity metric corresponding to encryption of valid CMOS content stored in said first region of the first non-volatile storage device (Column 4, Lines 27-51); storing the first and second integrity metrics in another, second non-volatile storage device of the computer system to later determine when the content in the first region has been modified without authorization (Column 4, Lines 53-Column 5, Line 10).

As per **claim 18**, rejected as applied to claim 17. Furthermore, Hamilton discloses: comparing a previously stored integrity metric, corresponding to an earlier version of the content stored in the first region, to a newly calculated integrity metric

corresponding to the current content stored in the first region to determine when an unauthorized modification has occurred (Column 4, Lines 27-67).

As per **claim 19**, rejected as applied to claim 18. Furthermore, Hamilton discloses: replacing the content of the first region with an earlier version of the content therein when it is determined that there was an unauthorized modification (Column 4, Lines 53-Column 5, Line 10).

***Allowable Subject Matter***

5. **Claims 1, 2, 3, 6, 7, 8, 9, 10, 11, 14, 15 and 16** allowed.

***Conclusion***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Saoussen Besrour whose telephone number is 571-272-6547. The examiner can normally be reached on M-F 8:30am to 5:00pm.


If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ayaz Sheikh can be reached on 571-272-3795. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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SB  
December 6, 2007

  
AYAZ SHEIKH  
SUPERVISORY PATENT EXAMINER  
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